

APPENDIX A-2

World Record of Space Launches Successful in Attaining Earth Orbit or Beyond

(Enumerates launches rather than spacecraft; some launches orbited multiple spacecraft.)

Calendar Year	United States	USSR/CIS	France ^a	Italy ^a	Japan	People's Republic of China	Australia	United Kingdom	European Space Agency	India	Israel
1957				2							
1958	5			1							
1959	10			3							
1960	16			3							
1961	29			6							
1962	52			20							
1963	38			17							
1964	57			30							
1965	63			48	1						
1966	73			44	1						
1967	57			66	2	1			1		
1968	45			74							
1969	40			70							
1970	28			81	2	1 ^b	1	1			
1971	30			83	1	2 ^b	2	1			
1972	30			74		1	1		1		
1973	23			86							
1974	22			81		2 ^b	1				
1975	27			89	3	1	2	3			
1976	26			99			1	2			
1977	24			98			2				
1978	32			88			3	1			
1979	16			87			2			1	
1980	13			89			2				1
1981	18			98			3	1		2	1
1982	18			101			1	1			
1983	22			98			3	1		2	1
1984	22			97			3	3			4
1985	17			98			2	1			3
1986	6			91			2	2			2
1987	8			95			3	2			2
1988	12			90			2	4			7
1989	17			74			2			7	1
1990	27			75			3	5		5	1
1991	20 ^c			62			2	1		9	
1992	31 ^c			55			2	3		7 ^b	2
1993	24 ^c			45			1	1		7 ^b	
1994	26 ^c			49			2	5		6 ^b	2
1995	27 ^c			33 ^b			1	2 ^b		12 ^b	1
1996	32 ^c			25			1	3 ^d		10	1
1997	37			19			2	6		11	1
1998	23			19			2	5		6	
(through September 30, 1998)											
TOTAL	1,143	2,563	10	8	54	53	1	1	103	10	3

- a. Since 1979, all launches for ESA member countries have been joint and are listed under ESA.
- b. Includes foreign launches of U.S. spacecraft.
- c. This includes commercial expendable launches and launches of the Space Shuttle, but because this table records launches rather than spacecraft, it does not include separate spacecraft released from the Shuttle.
- d. This includes the launch of ChinaSat 7, even though a third stage rocket failure led to a virtually useless orbit for this communications satellite.